

ABOUT THE GCTA

The Goodwill Career & Technical Academy is located in Northeast Austin. Our bright, welcoming space provides an inclusive and supportive culture that prioritizes the success of every student regardless of their previous academic or professional experience or background.

We provide an accelerated training experience that allows our graduates to move into the workforce — and begin earning an income — fast.

The GCTA team is comprised of highly qualified instructors, experts in adult education, and case managers all dedicated to supporting our students on a path to meaningful employment.





Scan code or visit **gctatraining.org** to learn more!

HEATING, AIR CONDITIONING AND REFRIGERATION TECHNOLOGY

Graduates of this program will learn the skills that power heating, cooling, and refrigeration systems in homes and businesses. From safety and tools, to electricity, refrigeration, and duct design, you'll gain the knowledge to start strong in a field where skilled technicians are always in demand. Graduates are prepared for the EPA 608 Certification and ready to step into rewarding jobs with opportunities to grow, specialize, and build a lasting career in one of today's most essential industries.

Students will learn:

- Fundamentals: AC/DC current,
 Ohm's Law, Watts, Voltage, Power,
 Resistance, Capacitance, Inductance
- Residential power distribution and transformer basics
- Multimeter use, compressor windings testing, blower and condenser motor installation, and wiring diagrams
- Airflow duct system design and fiberglass duct installation
- Refrigerant recovery, recharge, recycling, and proper gauge use

What to expect after graduation:

- Graduates are prepared to step into entry-level HVAC technician roles with residential and light commercial employers. Typical starting positions include:
 - HVAC installer/helper
 - Maintenance technician
 - Service technician assistant
 - Refrigeration/appliance repair assistant

